

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A calibration system of a control unit, comprising:
a conversion unit for converting source files into a calibrating file, said source files being necessary for operating the control unit and being added with data specification information required for said conversion into the calibrating file; and
a calibration unit for performing calibration based on said ~~post-converted~~ calibrating file to output a calibration result; wherein
said calibration unit comprises a reverse conversion unit for performing reverse conversion of said calibration result to output the same as source files.

2. (Original) A calibration system of a control unit according to claim 1,
wherein, at said conversion unit, said data specification information is directly described in a data file among said source files.

Claim 3 (Cancelled)

4. (Currently Amended) A calibration system of a control unit according to claim 1,
wherein said reverse conversion unit activates a reverse conversion command with said calibration result, a macro definition file for reverse conversion, said source files and said

calibrating file as origins, and converts said calibration result into new source files to output the same.

5. (Currently Amended) A calibration system of a control unit according to claim 1, wherein said reverse conversion unit outputs information indicating that an abnormality occurred during the reverse conversion in a portion where said reverse conversion was not performed normally.

6. (Currently Amended) A calibration system of a control unit according to claim 1, wherein said reverse conversion unit converts said calibration result into a differential file.

7. (Original) A calibration system of a control unit according to claim 1, wherein when an abnormality occurs in the conversion into said calibrating file, said conversion unit outputs information indicating that an abnormality occurred during the conversion.

8. (Original) A calibration system of a control unit according to claim 1, wherein, at said conversion unit, the number of bytes, bit rate, units, and setting range are added to said source files as said data specification information.

9. (Currently Amended) A calibration system of a control unit, comprising:

a conversion means for converting source files into a calibrating file, said source files being necessary for operating the control unit and being added with data specification information required for said conversion into the calibrating file;

a calibration means for performing calibration based on said ~~post-converted~~ calibrating file to output a calibration result; and

a reverse conversion means for performing reverse conversion of said calibration result to output the same as source files.

10. (Currently Amended) A method of calibrating a control unit, comprising the steps of:

adding the data specification information required for conversion into a calibrating file to source files necessary for operating the control unit;

converting said source files into a calibrating file;

performing calibration based on said ~~post-converted~~ calibrating file to output a calibration result; and

performing reverse conversion of said calibration result to output the same as source files.

11. (Original) A method of calibrating a control unit according to claim 10,

wherein said step of adding data specification information comprises the step of;

describing said data specification information directly in a data file among said source files.

Claim 12 (Cancelled)

13. (Currently Amended) A method of calibrating a control unit according to claim 10, wherein said step of performing reverse conversion comprises the steps of:
activating a reverse conversion command with said calibration result, a macro definition file for reverse conversion, said source files and said calibrating file as origins; and
converting said calibration result into new source files to output the same.

14. (Currently Amended) A method of calibrating a control unit according to claim 10, wherein said step of performing reverse conversion comprises the step of;
outputting information indicating that an abnormality occurred during the reverse conversion in a portion where said reverse conversion was not performed normally.

15. (Currently Amended) A method of calibrating a control unit according to claim 10, wherein said step of performing reverse conversion comprises the step of;
converting said calibration result into a differential file.

16. (Original) A method of calibrating a control unit according to claim 10, wherein said step of converting the source files into a calibrating file comprises the step of;
outputting information indicating that an abnormality occurred during the conversion when an abnormality occurs in the conversion into said calibrating file.

17. (Original) A method of calibrating a control unit according to claim 10,
wherein, said step of adding the data specification information comprises the step of;
adding the number of bytes, bit rate, units, and setting range to said source files as said
data specification information required for conversion into a calibrating file.